



THE STATE OF NEW HAMPSHIRE
DEPARTMENT OF TRANSPORTATION
EXCAVATION PERMIT
DISTRICT 01

PERMIT NO.	4482
TOWN/CITY:	Woodstock
ROAD/ROUTE:	NH-112
DATE:	12/22/15

(THIS FORM IS NOT A PERMIT UNTIL APPROVED BY NHDOT)

District 1, 641 Main St, Lancaster, NH 03584
District 2, 8 Eastman Hill Road, Enfield, NH 03748
District 3, 2 Sawmill Road, Gilford, NH 03249

District 4, 19 Base Hill Road, Swanzey, NH 03446
District 5, 16 East Point Drive, Bedford, NH 03110
District 6, PO Box 740, Durham, NH 03824

Pursuant to R.S.A. 231:184, 185, 186 and R.S.A. 236:9, 10, 11, permission is requested to disturb the surface, shoulders, ditches or slopes as described below:

- 1) On the east & west sides of Route NH-112 or Lost River Road
- 2) in the Town of Woodstock
- 3) for the purpose of soil borings for the testing and design of underground transmission lines.
- 4) located (give distance to nearest crossroad and/or other local landmark and include sketch or plan)
13 locations along the east & west sides of NH-112 approx. 0.75 miles apart between the intersection of US-3
and the Easton town line.
See attached plans for boring locations.
- 5) during the period of dates between 12/22/15 and 1/1/16

DIG SAFE PERMIT REQUIRED BY LAW (CALL 1-888-DIG-SAFE)

I/We hereby agree to conform to the following instructions and regulations in regards to the performance of the work proposed under this request. I/We also agree to any additional instructions issued by the District Engineer, or his authorized representatives during the process of the work.

If the pavement has to be disturbed, it must be sawcut, unless otherwise directed, prior to excavating. The pavement and base coarse materials are to be discarded. Excavation below subgrade is to be saved and used for backfill to prevent differential frost heaving. The disturbed area must be backfilled in layers not exceeding EIGHT inches (8") and thoroughly compacted. The base coarse shall be replaced as constructed. Hot bituminous pavement (HBP) shall be used for all patching material at a depth equal to the existing, unless otherwise stated. Earth areas disturbed will be replaced in kind, loamed, fertilized, seeded and mulched. All material and construction practices shall conform to the NHDOT Standard Specifications for Road and Bridge Construction, latest edition, and any amendments thereto. Interruptions to traffic shall be kept to a minimum and be maintained in accordance with the most current edition of the Manual on Uniform Traffic Control Devices. When conditions warrant, flaggers and or uniformed officers shall be utilized and be of a competent nature. No work shall be performed between November 15 and April 15, between dusk and dawn, or during periods of inclement weather, unless otherwise directed.

I/We agree to indemnify, defend and save harmless the State of New Hampshire from any and all claims arising from the construction, maintenance and operation of the said item(s) and appurtenances as described in this Permit and agree to obtain permits from the District Engineer before performing any future excavation for maintenance or renewal of the said items(s) or appurtenances within the highway limits. I/We agree to assume such additional cost as the State may incur due to the maintenance, operation, renewal, extension and inspection or of my/our failure to perform this work in the manner prescribed. It is understood and agreed that this Permit is for the right of construction, occupancy, operation and future maintenance of the said items(s) or appurtenances as described in the Permit and is by sufferance only. In the event of future alterations to the highway or highway right-of-way, the State reserves the right to require certain alterations, relocations, or complete removal of said item(s) promptly by the utility and at no expense to the State. I/We are familiar with the penalty imposed by R.S.A. 236:14.

OFFICE USE ONLY

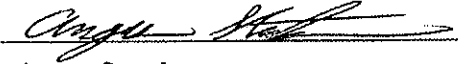
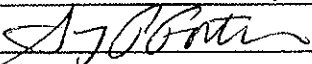
THE DISTRICT CONTACT PERSON MUST BE NOTIFIED AT LEAST FORTY-EIGHT
(48) HOURS BEFORE PERFORMING ANY WORK.
A COPY OF THIS PERMIT SHALL BE PRESENT AT THE WORK SITE AT ALL TIMES.

-- OVER --

Where Applicable, in accordance with RSA 72:23, I(b), this agreement is made between the parties subject to the condition that the owner/ operator shall pay all properly assessed real and personal property taxes. Failure of the owner/ operator to pay duly assessed personal and real taxes when due shall be cause to terminate this agreement. In accordance with the requirements of RSA 72:23, I(b), the owner/operator shall be obligated to pay real and personal property taxes on structures or improvements added.

By signature below, I/We agree to the conditions and/or additional requirements as set forth in this document.

(PLEASE PRINT)

CONTRACTOR:	<u>Terracon</u>	TEL. NO.	<u>(603) 828-8266</u>
ADDRESS:	<u>77 Sundial Avenue, Suite 401W, Manchester, NH 03103</u>		
SIGNATURE:		TITLE:	<u>Staff Geotechnical Engineer</u>
PRINTED NAME:	<u>Angus Strachan</u>		
OWNER:	<u>Eversource Energy</u>	TEL. NO.	<u>(603) 634-3406</u>
ADDRESS:	<u>1250 Hooksett Road, Hooksett, NH</u>		
SIGNATURE:		TITLE:	<u>Eversource Project Manager</u>
PRINTED NAME:	<u>Emily Rodon Jerry P. Fortier</u>		
24 HOUR CONTACT PERSON:	<u>Angus Strachan</u>	TEL. NO.	<u>860-867-6652</u> <u>(603) 828-8266</u>

(FOR DISTRICT OFFICE USE ONLY)
ADDITIONAL REQUIREMENT

No work during inclement weather that would impede NHDOT maintenance and snow removal operations.

Disturbed areas within the right of way shall be loamed and seeded with mulch/hay.

Vegetation to be checked by the highway patrol foreman for NHDOT.

No work within the paved surfaces.

Police detail required for borings less than 10 feet off the traveled way.

Bond # 09205847 issued by Fidelity and Deposit of Maryland for \$10,000 is on file at the District One Office.

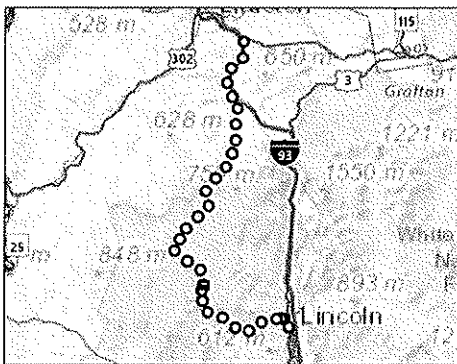
Prior to initiating work, the applicant shall furnish a SURETY BOND OR LETTER OF CREDIT in the amount of \$ 10,000.00 which shall remain in forces for two years after completion and NHDOT acceptance of the project.


Contact Person:	<u>Rockland Jones</u>	Title:	<u>Patrol Foreman</u>	Telephone No.	<u>(603) 745-8933</u>
Work to Begin:	<u>12/22/15</u>	Work to End:	<u>1/1/16</u>		
Permit Number:	<u>4482</u>	Expires:	<u>1/1/16</u>		
City/Town:	<u>Woodstock</u>	Patrol Section:	<u>115</u>		

Approved By:

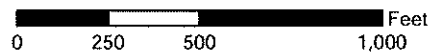

For the Director of Administration, N.H. Dept. of Transportation

Revised 12/03/10



 Proposed Boring Locations

DATA SOURCES:
 Terracon - Proposed Boring Locations
 ESRI WMS - World Aerial Imagery, World Topo, World Transportation Overlay

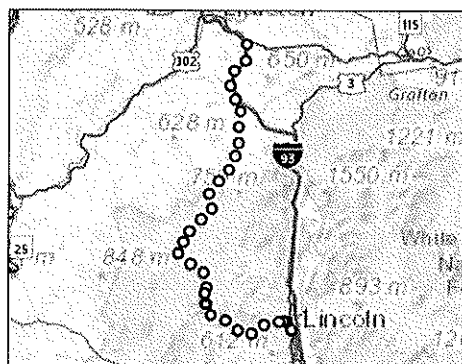


Project No.:
J1155175
Date:
Dec 2015
Drawn By:
IMS
Reviewed By:
JRG

Terracon	
77 Sundial Ave, Suite 401W	Manchester, NH 03103
PH. (603) 647 9700	terracon.com

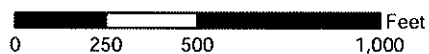
Proposed Boring Locations
Northern Pass Alignment Woodstock to Franconia Grafton County, New Hampshire

Exhibit
B-10A



Proposed Boring Locations

DATA SOURCES:
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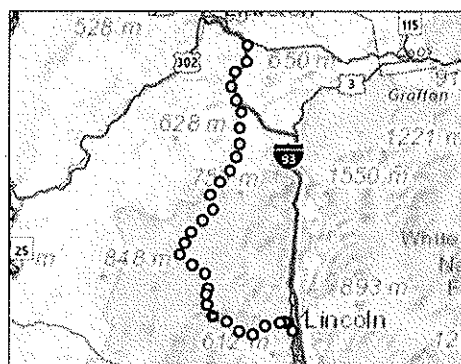
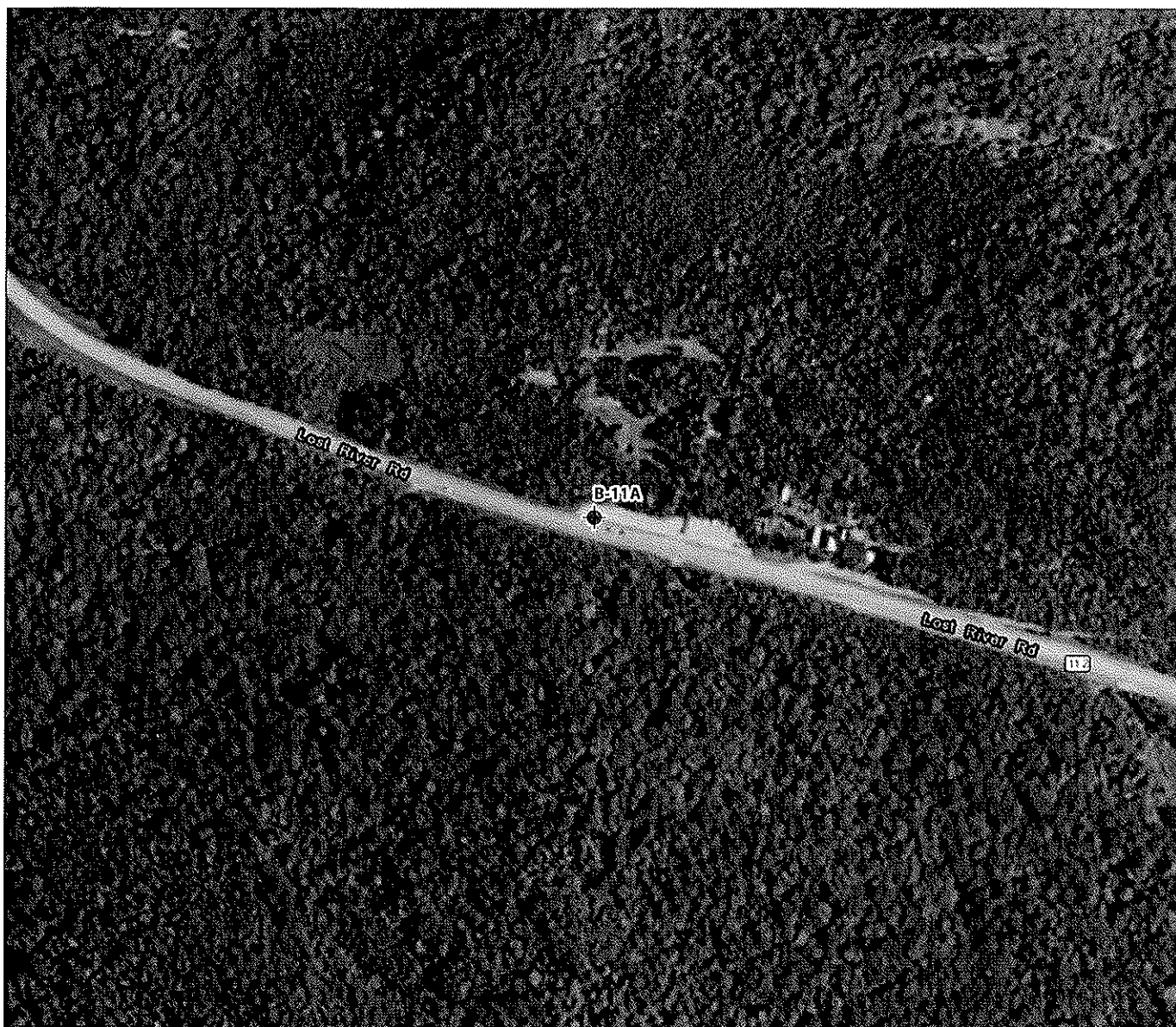
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Proposed Boring Locations

Northern Pass Alignment
Woodstock to Franconia
Grafton County, New Hampshire

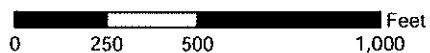
Exhibit

B-11



Proposed Boring Locations

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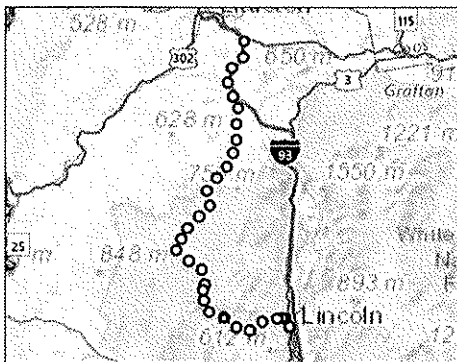
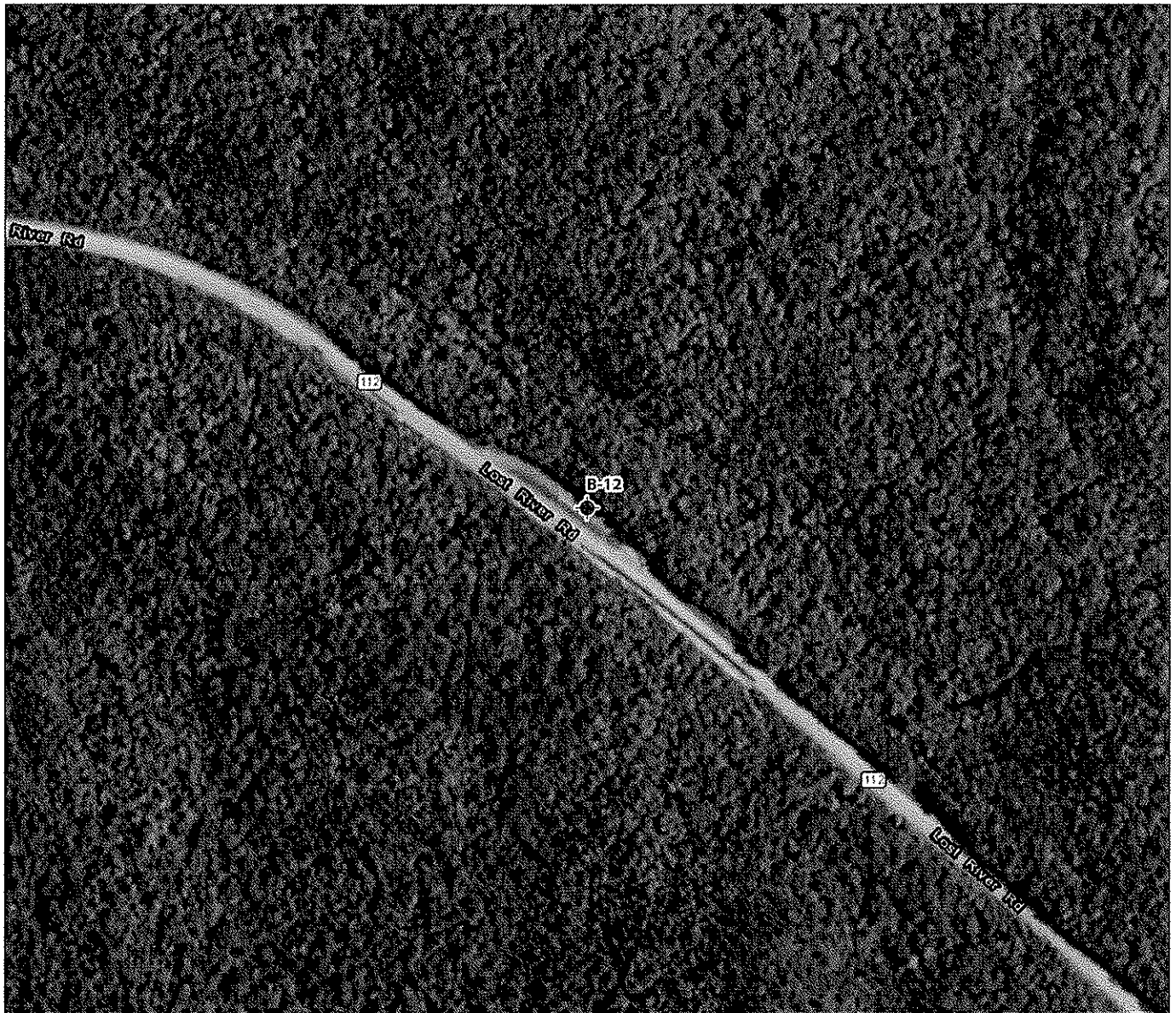
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Proposed Boring Locations

Northern Pass Alignment
 Woodstock to Franconia
 Grafton County, New Hampshire

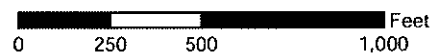
Exhibit

B-11A



Proposed Boring Locations

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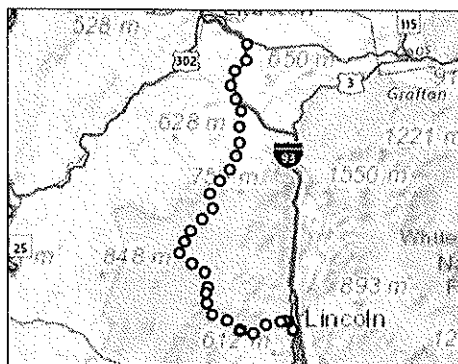
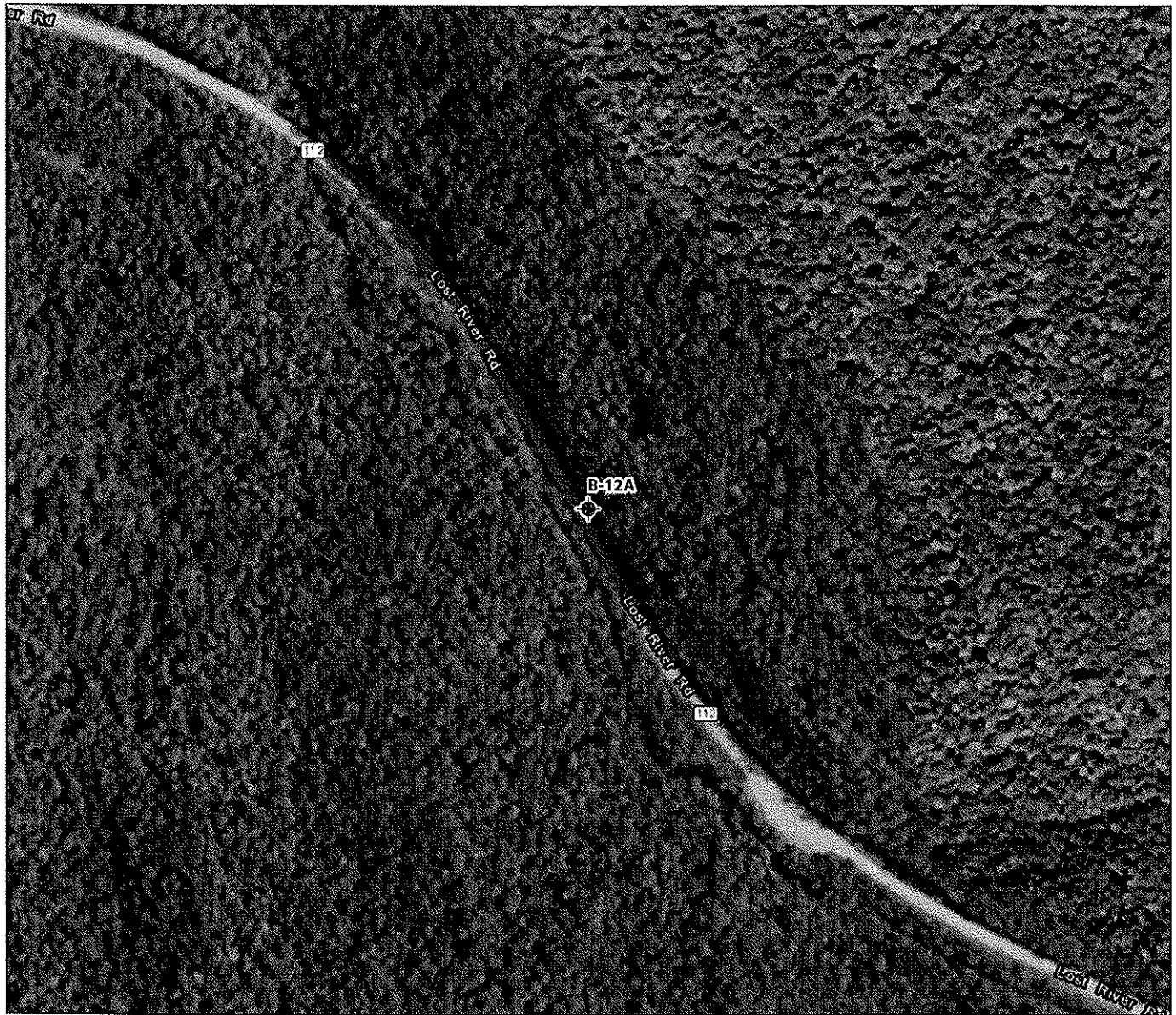
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Proposed Boring Locations

Northern Pass Alignment
 Woodstock to Franconia
 Grafton County, New Hampshire

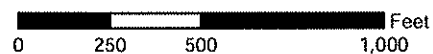
Exhibit

B-12



◆ Proposed Boring Locations

DATA SOURCES:
 Terracon - Proposed Boring Locations
 ESRI WMS - World Aerial Imagery, World Topo, World Transportation Overlay

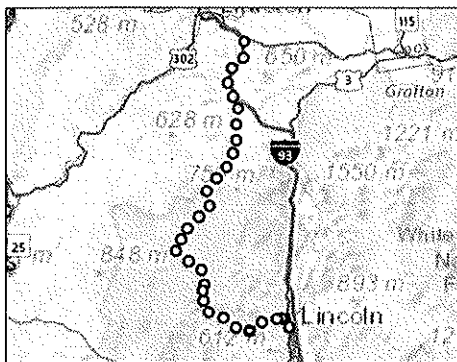


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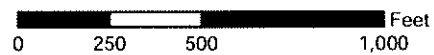
Proposed Boring Locations
Northern Pass Alignment Woodstock to Franconia Grafton County, New Hampshire

Exhibit
B-12A



◆ Proposed Boring Locations

DATA SOURCES:
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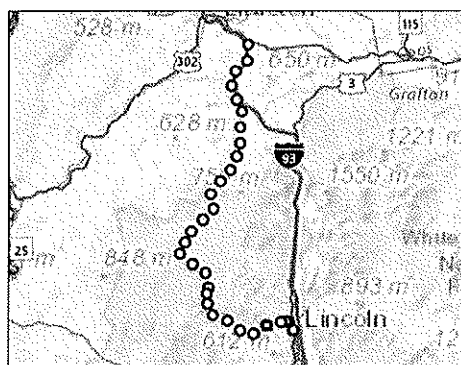


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Proposed Boring Locations
Northern Pass Alignment Woodstock to Franconia Grafton County, New Hampshire

Exhibit
B-13



• Proposed Boring Locations

DATA SOURCES:
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 ESRI WMS - World Aerial Imagery, World Topo, World Transportation Overlay

0 250 500 1,000 Feet

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Date:	Dec 2015
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Reviewed By:	JRG

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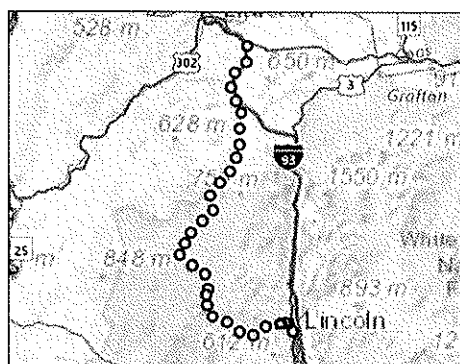
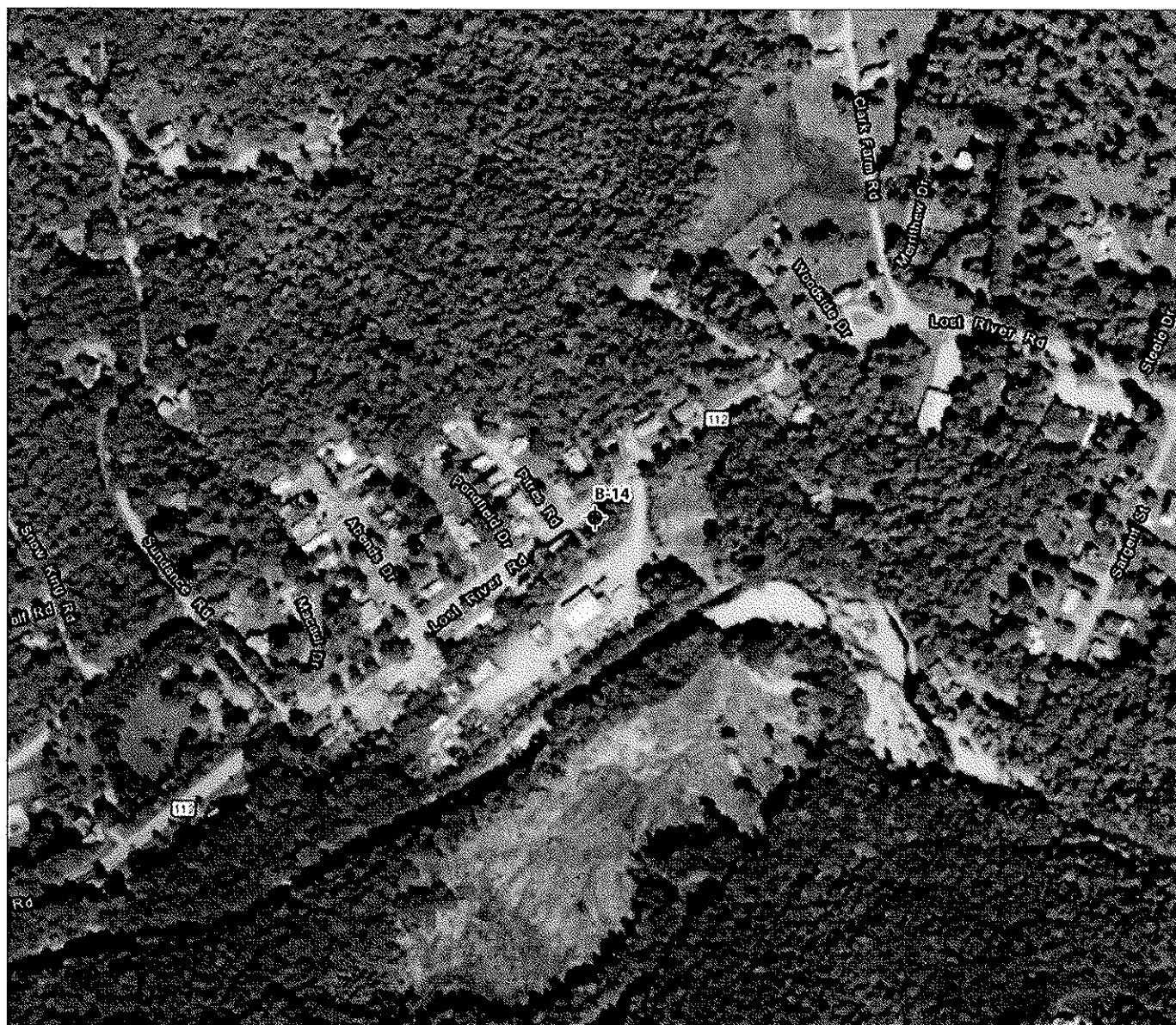
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Proposed Boring Locations

Northern Pass Alignment
 Woodstock to Franconia
 Grafton County, New Hampshire

Exhibit

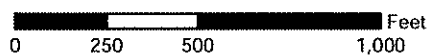
B-13A



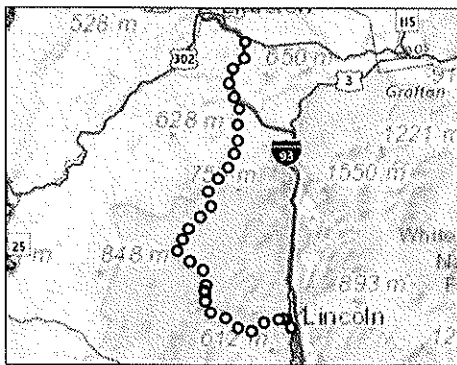
Proposed Boring Locations



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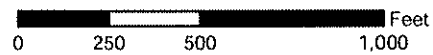


Project No.: J1155175	 77 Sundial Ave, Suite 401W Manchester, NH 03103 PH. (603) 647 9700 terracon.com	Proposed Boring Locations	Exhibit
Date: Dec 2015		Northern Pass Alignment Woodstock to Franconia Grafton County, New Hampshire	B-14
Drawn By: IMS			
Reviewed By: JRG			



◆ Proposed Boring Locations
Guardrail

DATA SOURCES:
Terracon - Proposed Boring Locations
ESRI WMS - World Aerial Imagery, World Topo, World Transportation Overlay

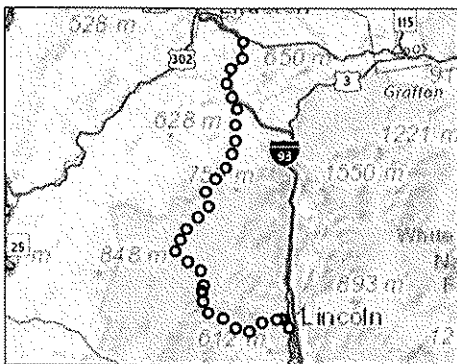


Project No.:	J1155175
Date:	Dec 2015
Drawn By:	IMS
Reviewed By:	JRG

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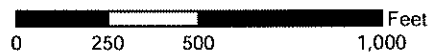
Proposed Boring Locations
Northern Pass Alignment Woodstock to Franconia Grafton County, New Hampshire

Exhibit
B-32A



◆ Proposed Boring Locations
Guardrail

DATA SOURCES:
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ESRI WMS - World Aerial Imagery, World Topo, World Transportation Overlay

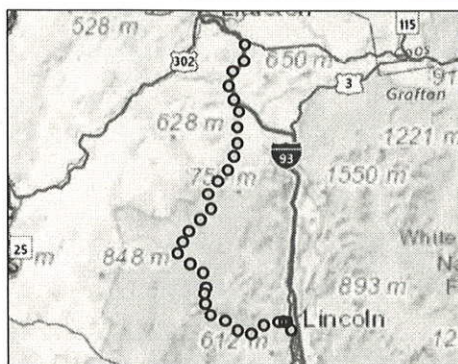


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Proposed Boring Locations
Northern Pass Alignment Woodstock to Franconia Grafton County, New Hampshire

Exhibit
B-32B



Proposed Boring Locations

Sig Safe

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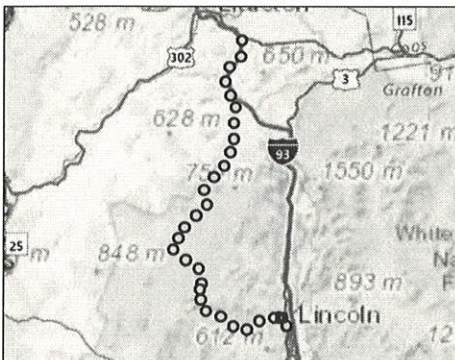
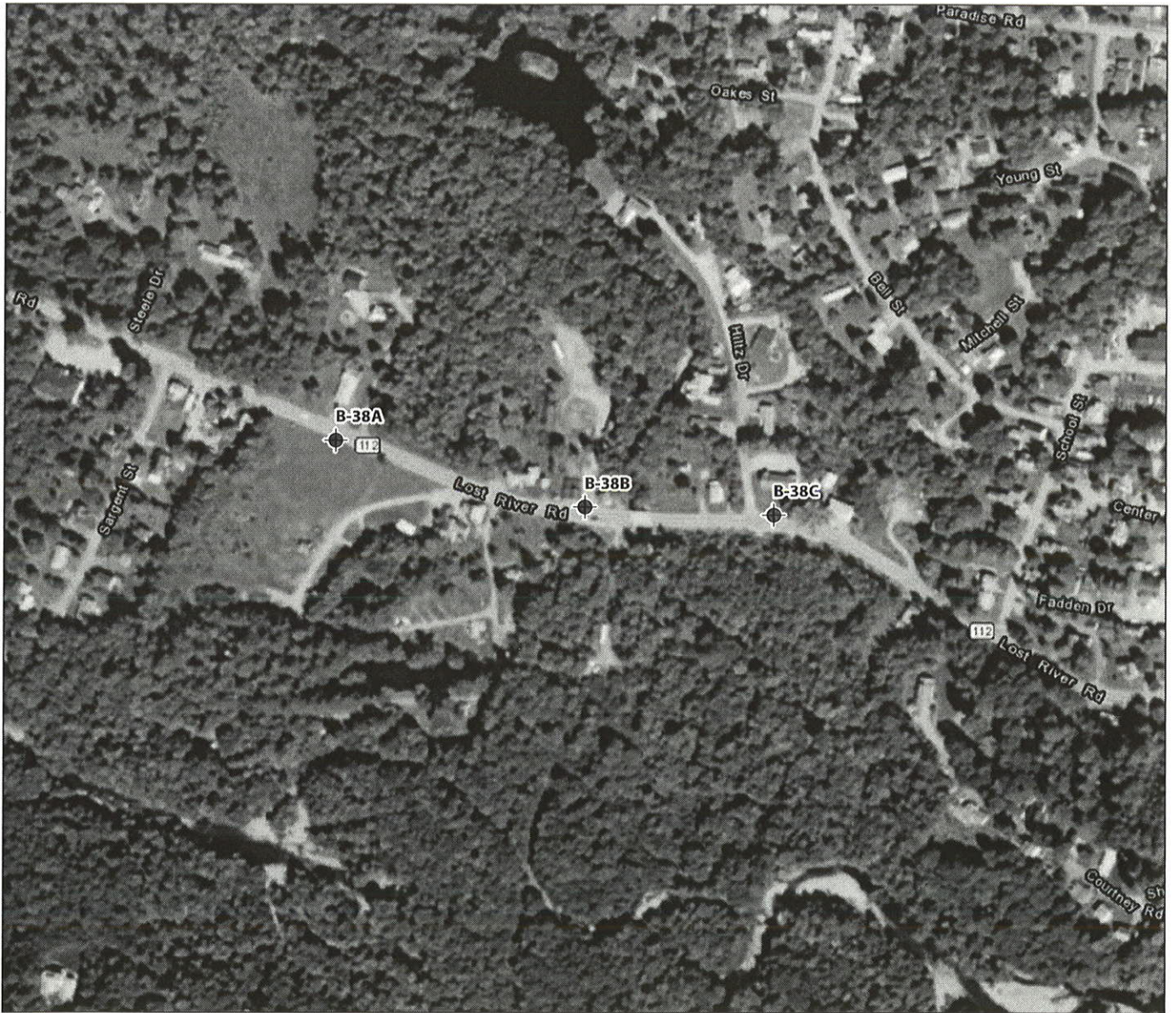
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Proposed Boring Locations

Northern Pass Alignment
Woodstock to Franconia
Grafton County, New Hampshire

Exhibit

B-38A



Proposed Boring Locations

Dig Safe

DATA SOURCES:
Terracon - Proposed Boring Locations
ESRI WMS - World Aerial Imagery, World Topo, World Transportation Overlay

0 250 500 1,000 Feet

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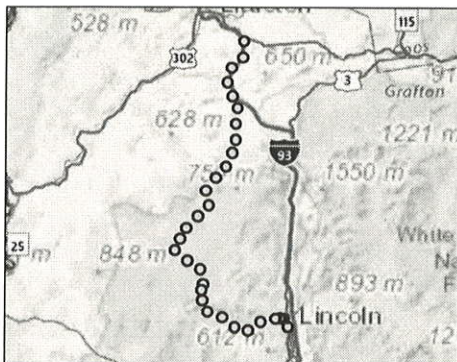
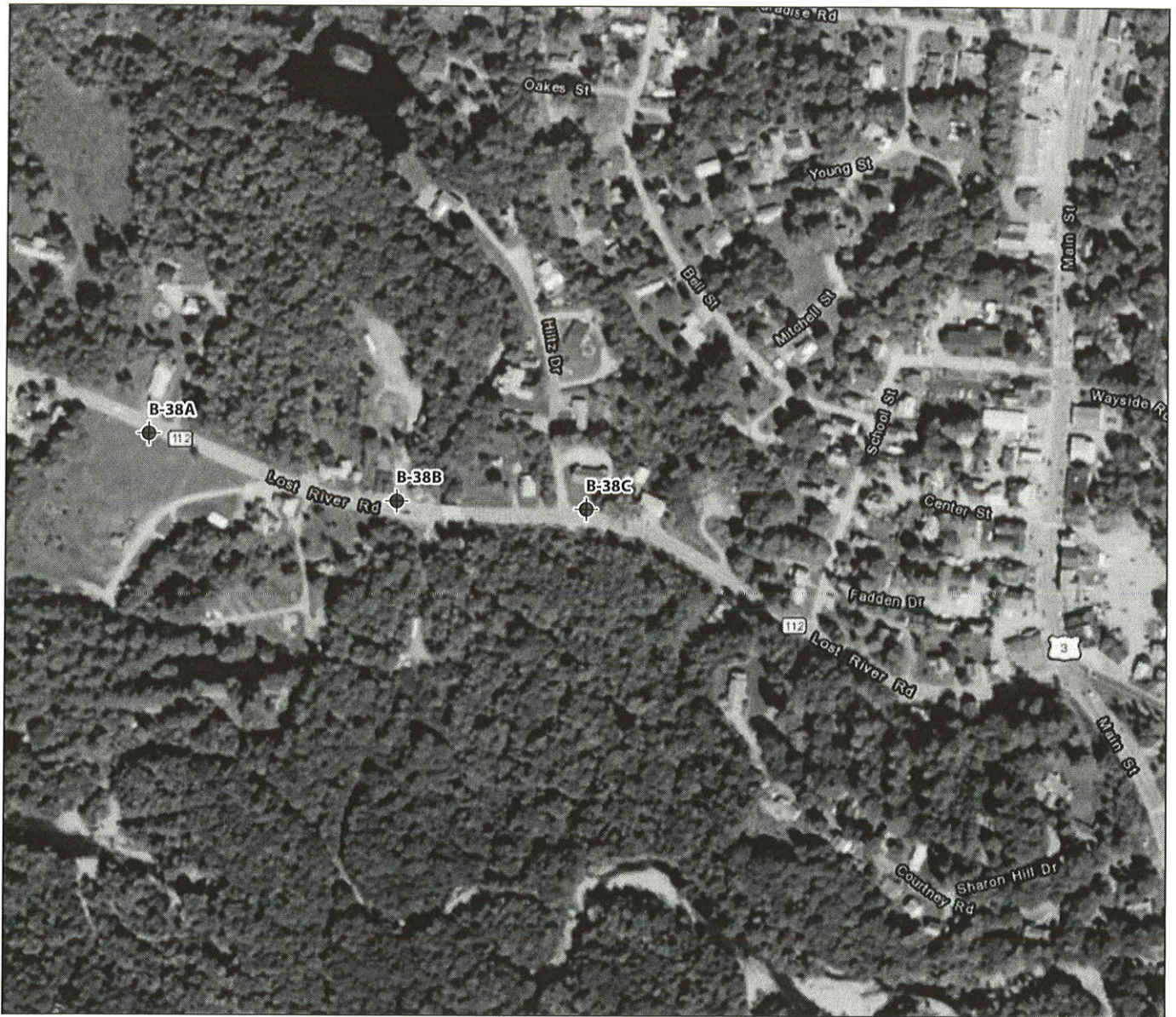
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Proposed Boring Locations

Northern Pass Alignment
Woodstock to Franconia
Grafton County, New Hampshire

Exhibit

B-38B



Proposed Boring Locations

Dig safe

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Proposed Boring Locations

Northern Pass Alignment
Woodstock to Franconia
Grafton County, New Hampshire

Exhibit

B-38C